

After logging in to *myio.info*, user gets access to last communicated values and output settings, to history data, alarm list and user rights settings. If logged in as administrator, he can create users with lower access levels, such as „read only“ and „alarm receiver“ and he also can add another MYIO communicators into his list. Historical data (trends) are displayed as bitmaps, html tables, or .CSV tables which are particularly suitable for download into a spreadsheet or import into other systems. In case the MYIO loses communication with the server, a SMS message or e-mail can be sent. The „non-communication“ interval is set in the communicator parameters definition at the server.

Therefore the communicator is suitable especially for monitoring and control of technologies which are installed at sites where internet connection is available but at the same time high level of network security has to be kept. Typical applications are remote control of a technology installed at customer's site which otherwise could be reached only by using a modem or GSM communicator which requires higher both acquisition and operational costs, and remote supervision and control of residential objects: heating, air-condition, media – technical gases, water, fuel, security systems, production lines etc.

The serial line (normally used for extension modules) can be used for customized communication protocol on RS232 or RS485. The RS485 interface is fully galvanically separated, max. comm port speed is 230400 bps.

Technical data

Power	10 V ÷ 35 V DC, 14 V ÷ 24 V AC, any polarity
Consumption	max. 2000 mW
Ambient temperature	-30 ÷ 80°C
Communication	high speed RS232, 1200 ... 230 400 bit/s (TXD, RXD) or RS485 SW flow control
Ethernet	automatic 10 / 100 Mbit/s
IP addressing	fixed or from a DHCP server
Communication with the web client	protocol HTTP, TCP port 80, server
Communication with <i>myio.info</i>	protocol HTTP, TCP port 80, client
Digital inputs	2x dry contact (load 12V, 4mA)
Digital outputs	2x change-over relay: 5A/250VAC, 5A/24VDC, 750VA, 90W
Memory	2MB Flash, 8MB RAM
Dimensions	104 (w) x 110 (h) x 55 (d) mm

Terminals



7/2013 Subject to technical changes.